



SEALANTS • ADHESIVES • COATINGS

## Technical Datasheet BM17

Version August 2023

### BM17

#### Product Description

BM17 is a 1-component water-based halogen free Intumescent, Fire Resistant sealant which swells when subjected to flame at temperatures above 125°C and forms a char which prevents the passage of smoke and fire.

#### Typical Applications

Linear gap seals.  
Penetration seals.  
HVAC ducting applications.  
Acoustic insulation properties.  
Internal sealing (overpaintable).

#### Technical Properties

Density: 1.65  
Shore A Hardness: 45  
Skin Formation Time (at 20°C): 25 minutes  
Curing after 24 hours at 23° C/50% RH: 1mm  
Movement Accommodation (Classed to ISO 11600):  $\pm 12.5\%$  P  
Tensile Strength (at 100% Extension): 0.2MPa  
Ideal Processing Temperature: +5°C to +30° C  
Long Term Temperature Resistance: -10°C to +70°C  
Shelf Life: 12 months when stored above 5°C. Protect from freezing.  
Chemical Resistance: Fair to dilute acids and alkalis. Poor resistance to organic solvents.

## **Properties**

Excellent toolability and easy to work with. Tools can be cleaned with water.

Cures by evaporation, solvent free.

Fire tested to the requirements of BS EN 1366-3 and BS EN 1366-4 (linear gap and penetration seals).

## **Standards and Certifications**

BS EN ISO 11600 F 12.5P

UKCA Mark. Certified under EN15651. See separate Declaration of Performance for more details.

## **Important Information**

All adherent surfaces must be clean and free of release agents, grease, oil, dust, water, old adhesives and sealants and any other substances that could affect adhesion.

For concrete, plaster, fibre cement, use of a primer is recommended.

Not recommended for sealing of natural stone joints.

Do not use as an aquarium/fish tank sealant.

## **Packaging**

310ml cartridges

Colours: White, Grey

## **Safety Precautions & Disposal**

Please refer to the information on our Safety Datasheet

## **Warranty**

All information in this Technical Datasheet is based on our current technical knowledge and experience. As conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before final use. Information on this sheet is not a warranty. The properties and characteristics stated on this sheet are indicative. We reserve the right to alter and change the product according to technical progress and new developments.

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